

## CLAIMS:

1. A method of displaying of a medical image, the method comprising the steps of:
  - rendering of three dimensional volume data on a display unit,
  - selection of a picture element,
  - 5 - determining a signed distance of a volume element corresponding to the picture element from a reference plane,
  - scaling the size of a symbol based on the distance,
  - displaying or printing of the scaled symbol at or in the proximity of the selected picture element.
- 10 2. The method of claim 1, whereby a minimum symbol size is defined which limits the reduction of the size of the symbol.
- 15 3. The method of claim 1 or 2 further comprising determining a shortest distance and a largest distance of the displayed picture elements from the reference plane to provide a scale for scaling of the size.
- 20 4. The method of claims 1, 2 or 3, further comprising the steps of:
  - changing a view for rendering of the three dimensional image data,
  - determining of a second signed distance of the volume element corresponding to the selected picture element from the reference plane,
  - rescaling of the size of the symbol based on the second distance,
  - displaying or printing of the rescaled symbol at or in the proximity of the picture element.
- 25 5. Computer program product, in particular digital storage medium, comprising computer program means for performing the steps of:
  - rendering of three dimensional image data on a display unit,
  - selection of a picture element,

- determining a distance of a volume element corresponding to the picture element from a reference plane,
  - scaling the size of a symbol based on the distance,
  - displaying or printing of the scaled symbol at or in the proximity of the selected picture element.
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6. Computer system for processing of medical image data comprising:
- means for rendering of three dimensional image data on a display unit,
  - means for selection of a picture element,
  - 10 - means for determining a distance of a volume element corresponding to the picture element from a reference plane,
  - means for scaling the size of a symbol based on the distance,
  - means for displaying or printing of the scaled symbol at or in the proximity of the selected picture element.
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7. The computer system of claim 6 further comprising means for determining a shortest distance and a largest distance of the displayed picture elements from the reference plane to provide a scale for scaling of the size.
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8. Computer system of claims 6 or 7 further comprising:
- means for changing a view for rendering of the three dimensional image data,
  - means for determining of a second distance of the volume element corresponding to the selected picture element from the reference plane,
  - means for rescaling of the size of the symbol based on the second distance.
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9. Medical imaging system comprising:
- means for three dimensional medical image data acquisition,
  - means for means for rendering of three dimensional image data on a display unit,
  - 30 - means for selection of a picture element,
  - means for determining a distance of a volume element corresponding to the picture element from a reference plane,
  - means for scaling the size of a symbol based on the distance,

- means for displaying or printing of the scaled symbol at or in the proximity of the selected picture element.